

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2005/000035

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B02C 7/12, D21D 1/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B02C, D21D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1088932 A2 (J&L FIBER SERVICES, INC), 4 Apr 11 2001 (04.04.2001) --	1-2
A	US 5362003 A (VIRVING, N), 8 November 1994 (08.11.1994) --	1-2
A	US 6592062 B1 (VIRVING, N), 15 July 2003 (15.07.2003) --	1-2
A	US 6402071 B1 (GINGRAS, L), 11 June 2002 (11.06.2002) -----	1-2

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"B" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

31 March 2005

Date of mailing of the international search report

02-05-2005

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INTERNATIONAL SEARCH REPORT

Information on patent family members

01/03/2005

International application No.

PCT/SE 2005/000035

EP	1088932	A2	04/04/2001	CA	2315518	A	28/03/2001
				DE	60011534	D	00/00/0000
				NO	20004814	A	29/03/2001
				US	6325308	B	04/12/2001
<hr/>							
US	5362003	A	08/11/1994	AT	142910	T	15/10/1996
				AU	651933	A,B	04/08/1994
				AU	678148	B	22/05/1997
				AU	3652293	A	03/09/1993
				BR	9400060	A	09/08/1994
				CA	2109125	A	15/07/1994
				CA	2129543	A,C	18/08/1993
				DE	69304887	D,T	06/02/1997
				DE	69328898	D,T	02/11/2000
				DK	627148	T	28/08/2000
				EP	0611599	A,B	24/08/1994
				SE	0611599	T3	
				EP	0627148	A,B	07/12/1994
				ES	2092199	T	16/11/1996
				FI	98227	B,C	31/01/1997
				FI	109256	B	00/00/0000
				FI	934587	A	23/07/1994
				FI	943771	A	16/08/1994
				JP	3414813	B	09/06/2003
				JP	3453139	B	06/10/2003
				JP	6240592	A	30/08/1994
				JP	7503827	T	20/04/1995
				NO	305197	B	19/04/1999
				NO	310390	B	25/06/2001
				NO	933749	A	25/07/1994
				NO	943031	A	17/10/1994
				NZ	248981	A	26/10/1994
				PH	30910	A	23/12/1997
				SE	470566	B,C	29/08/1994
				SE	9300078	A	23/07/1994
				ZA	9308905	A	02/08/1994

INTERNATIONAL SEARCH REPORT

Information on patent family members

01/03/2005

International application No.

PCT/SE 2005/000035

US 6592062 B1 15/07/2003

AU	760157 B	08/05/2003
AU	4154000 A	09/10/2000
BR	0009123 A	18/12/2001
CA	2362667 A	28/09/2000
CN	1344181 T	10/04/2002
EP	1185369 A	13/03/2002
JP	2002540298 T	26/11/2002
NO	20014525 A	15/11/2001
NZ	513997 A	28/03/2003
SE	513807 C	06/11/2000
SE	9901020 A	20/09/2000
WO	0056459 A	28/09/2000
AU	3254501 A	27/08/2001
EP	1261462 A	04/12/2002
JP	2003524530 T	19/08/2003
SE	514705 C	02/04/2001
SE	0000420 A	02/04/2001
US	6766711 B	27/07/2004
US	20030121350 A	03/07/2003
WO	0160571 A	23/08/2001

US 6402071 B1 11/06/2002

CA	2387425 A,C	31/05/2001
CN	1136057 B,C	28/01/2004
CN	1391501 T	15/01/2003
EP	1233831 A	28/08/2002
JP	2003515008 T	22/04/2003
WO	0137998 A	31/05/2001